Application No.: To Be Assigned MTS-3512US

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously Presented) A wireless communication system, comprising:

a first wireless communication unit including first wireless communication means that performs wireless data communication, first wired communication means that performs, before establishing a wireless link for performing said wireless data communication, wired data communication for transmitting information which is necessary when establishing said wireless link using a wired connection, and first change-over means that changes over whether said wireless data communication should be performed using said first wireless communication means or said wired data communication should be performed using said first wired communication means; and

a second wireless communication unit including second wireless communication means that performs said wireless data communication with said first wireless communication means, second wired communication means that performs, with said first wired communication means, before establishing said wireless link, wired data communication for receiving said transmitted information using said wired connection, and second change-over means that changes over whether said wireless data communication should be performed using said second wireless communication means or said wired data communication should be performed using said second wired communication means.

2. (Original) The wireless communication system according to claim 1, wherein said first wireless communication unit further includes first wired connection detecting means that detects whether or not said wired connection is being performed between said first wired communication means and said second wired communication means;

when said first wired connection detecting means detects that said wired connection is being performed, said first change-over means changes over so that said wired data communication is performed, and using the wired connection detected by said first detecting means, gives a change-over instruction to said second change-over means to change over so that said wired data communication is performed;

said second change-over means changes over, based on the change-over instruction given by said first change-over means, so that said wired data communication is performed.

3. (Original) The wireless communication system according to claim 2, wherein said first wireless communication unit further includes a first signal level adjusting means that, when said first wired connection detecting means detects that said wired connection is being performed, adjusts a signal level so that said wired data communication is performed using a signal level smaller than the signal level necessary for said wireless data communication.

4. (New) A wireless communication unit comprising:

first wireless communication means that performs wireless data communication;

first wired communication means that performs wired data communication to establish a wireless link for performing said wireless data communication using a wired connection; and

first change-over means that changes over whether said wireless data communication should be performed using said first wireless communication means or said wired data communication should be performed using said first wired communication means.

5. (New) A wireless communication unit according to claim 4, further comprising first wired connection detecting means that detects whether or not said wired connection is being performed between said first wired communication means

and second wired communication means that performs said wired data communication with said first wired communication means using said wired connection,

wherein, when said first wired connection detecting means detects said wired connection is being performed, said first change-over means changes over so that said wired data communication is performed, and using the wired connection detected by said first wired connection detecting means, gives a change-over instruction to second change-over means which changes over whether said wireless data communication should be performed using second wireless communication means that performs said wireless data communication with said first wireless communication means or said wired data communication should be performed using said second wired communication means, to change over so that said wired data communication is performed.

6. (New) A wireless communication unit comprising:

second wireless communication means that performs, with first wireless communication means that performs wireless data communication, said wireless data communication;

second wired communication means that performs, with first wired communication means that performs wired data communication to establish a wireless link for performing said wireless data communication using a wired connection, said wired data communication using said wired connection; and

second change-over means that changes over whether said wireless data communication should be performed using said second wireless communication means or said wired data communication should be performed using said second wired communication means.

7. (New) The wireless communication unit according to claim 6, wherein, when first wired connection detecting means, which detects whether or not said wired connection is being performed between said first wired communication means and

said second wired communication means, detects that said wired connection is being performed, first change-over means, which changes over whether said wireless data communication should be performed using said first wireless communication means or said wired data communication should be performed using said first wired communication means, changes over so that said wired data communication is performed using said first wired communication means, and using said detected wired connection, gives a change-over instruction to said second change-over means to change over so that said wired data communication is performed,

said second change-over means changes over, based on the change-over instruction given by said first change-over means, so that said wired data communication is performed.

8. (New) A wireless communication method comprising:

a first wireless communication step of performing, using first wireless communication means that performs wireless data communication, wireless data communication;

a first wired communication step of performing, using first wired communication means that performs wired data communication to establish a wireless link for performing said wireless data communication using a wired connection, wired data communication;

a first change-over step of changing over, using first change-over means that changes over whether said wireless data communication should be performed using said first wireless communication means or said wired data communication should be performed using said first wired communication means;

a second wireless communication step of performing, using second wireless communication means that performs said wireless data communication with said first wireless communication means, wireless data communication;

a second wired communication step of performing, using second wired communication means that performs said wired data communication with said first

wired communication means using said wired connection, wired data communication; and

a second change-over step of changing over, using second change-over means that changes over whether said wireless data communication should be performed using said second wireless communication means or said wired data communication should be performed using said second wired communication means.

9. (New) A wireless communication method comprising:

a wireless communication step of performing, using first wireless communication means that performs wireless data communication, wireless data communication;

a wired communication step of performing, using first wired communication means that performs wired data communication to establish a wireless link for performing said wireless data communication using a wired connection, wired data communication; and

a change-over step of changing over, using first change-over means that changes over whether said wireless data communication should be performed using said first wireless communication means or said wired data communication should be performed using said first wired communication means.

10. (New) A wireless communication method, comprising:

a wireless communication step of performing wireless data communication, using second wireless communication means that performs, with first wireless communication means that performs wireless data communication, said wireless data communication;

a wired communication step of performing wired data communication, using second wired communication means that performs, with first wired communication means that performs wired data communication to establish a wireless link for

performing said wireless data communication using a wired connection, said wired data communication using said wired connection; and

a change-over step of changing over, using second change-over means that changes over whether said wireless data communication should be performed using said second wireless communication means or said wired data communication should be performed using said second wired communication means.

11. (New) A program for causing a computer to execute the steps of the wireless communication method according to claim 8, the steps being a first wireless communication step of performing, using first wireless communication means that performs wireless data communication, wireless data communication; a first wired communication step of performing, using first wired communication means that performs wired data communication to establish a wireless link for performing said wireless data communication using a wired connection, wired data communication; a first change-over step of changing over, using first change-over means that changes over whether said wireless data communication should be performed using said first wireless communication means or said wired data communication should be performed using said first wired communication means; a second wireless communication step of performing, using second wireless communication means that performs said wireless data communication with said first wireless communication means, wireless data communication; a second wired communication step of performing, using second wired communication means that performs said wired data communication with said first wired communication means using said wired connection, wired data communication; and a second change-over step of changing over, using second change-over means that changes over whether said wireless data communication should be performed using said second wireless communication means or said wired data communication should be performed using said second wired communication means.

12. (New) A program for causing a computer to execute the steps of the wireless communication method according to claim 9, the steps being a wireless communication step of performing, using first wireless communication means that

performs wireless data communication, wireless data communication; a wired communication step of performing, using first wired communication means that performs wired data communication to establish a wireless link for performing said wireless data communication using a wired connection, wired data communication; and a change-over step of changing over, using first change-over means that changes over whether said wireless data communication should be performed using said first wireless communication means or said wired data communication should be performed using said first wired communication means.

13. (New) A program for causing a computer to execute the steps of the wireless communication method according to claim 10, the steps being a wireless communication step of performing wireless data communication, using second wireless communication means that performs, with first wireless communication means that performs wireless data communication, said wireless data communication; a wired communication step of performing wired data communication, using second wired communication means that performs, with first wired communication means that performs wired data communication to establish a wireless link for performing said wireless data communication using a wired connection, said wired data communication using said wired connection; and a change-over step of changing over, using second change-over means that changes over whether said wireless data communication should be performed using said second wireless communication means or said wired data communication should be performed using said second wired communication means.

14. (New) A recording medium bearing any program of claims 11-13, wherein the recording medium can be processed by a computer.

15. (New) A wireless communication unit comprising:

first wireless communication means that performs wireless data communication;

first wired communication means that performs wired data communication to establish a wireless link for performing said wireless data communication using a wired connection,

first change-over means that changes over whether said wireless data communication should be performed using said first wireless communication means or said wired data communication should be performed using said first wired communication means; and

first wired connection detecting means that detects whether or not said wired connection is being performed between said first wired communication means and second wired communication means that performs said wired data communication with said first wired communication means using said wired connection,

wherein, (1) when said first wired connection detecting means detects said wired connection is being performed, said first change-over means changes over so that said wired data communication is performed, and using said wired connection detected by said first wired connection detecting means, gives a change-over instruction to second change-over means, which changes over whether said wireless data communication should be performed using second wireless communication means that performs said wireless data communication with said first wireless communication means or said wired data communication should be performed using said second wired communication means, to change over so that said wired data communication is performed, (2) when third wired connection detecting means, which detects whether or not said wired connection is being performed between said first wired communication means and third wired communication means that performs wired data communication with said first wired communication means using a wired connection, detects that said wired connection is being performed, third change-over means, which changes over whether said wireless data communication should be performed using third wireless communication means that performs said wireless data communication with said first wireless communication means or said wired data communication should be performed using said third wired communication means, changes over so that said wired data communication is

performed using said third wired communication means, and using said detected wired connection, gives a change-over instruction to said first change-over means, to change over so that said wired data communication is performed, and said first change-over means changes over, based on the change-over instruction given by said third change-over means, so that said wired data communication is performed.